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Thick Matters: De-optimizing Infrastructural Redundancies, Pt. 2

Marco Ravini

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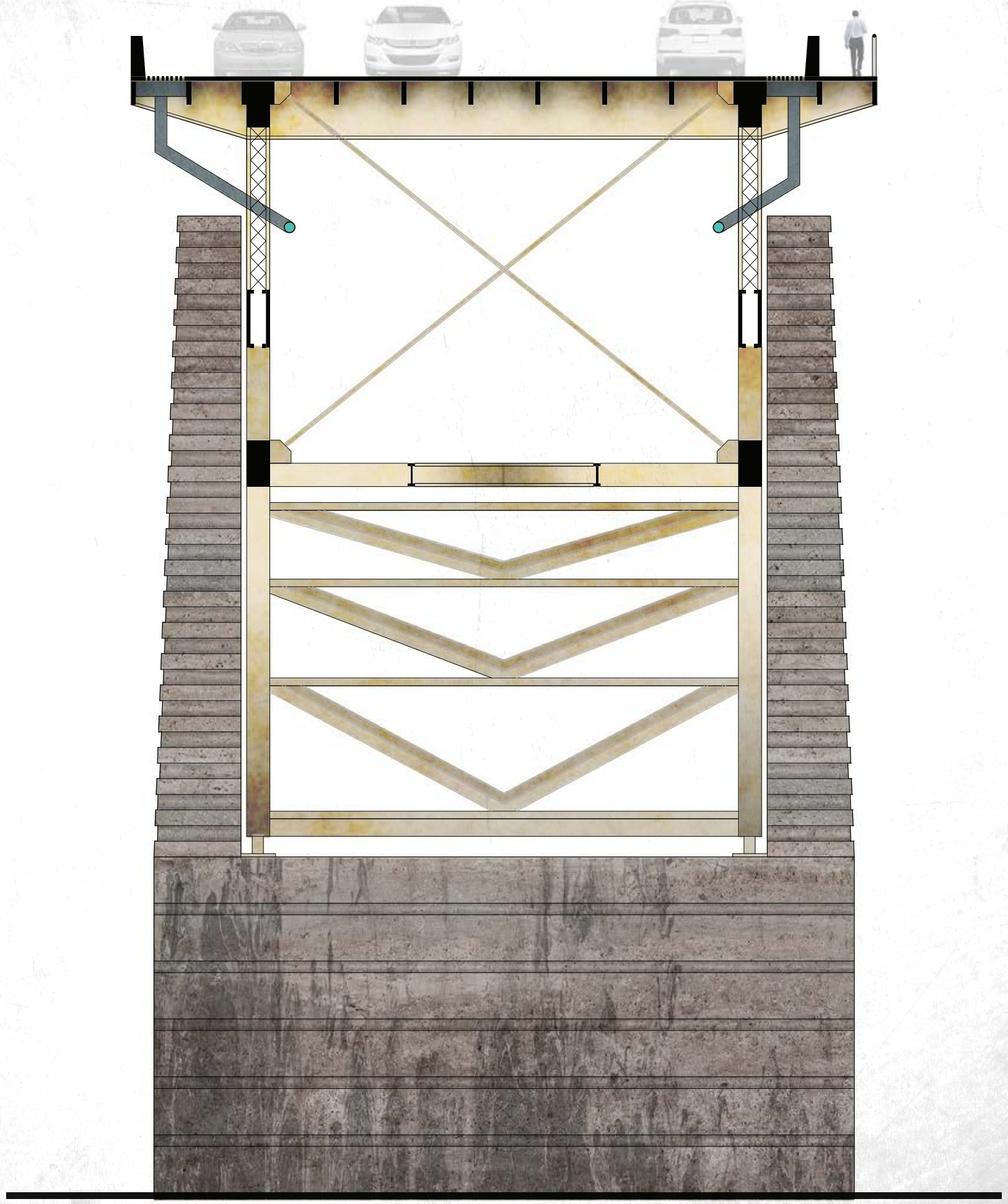
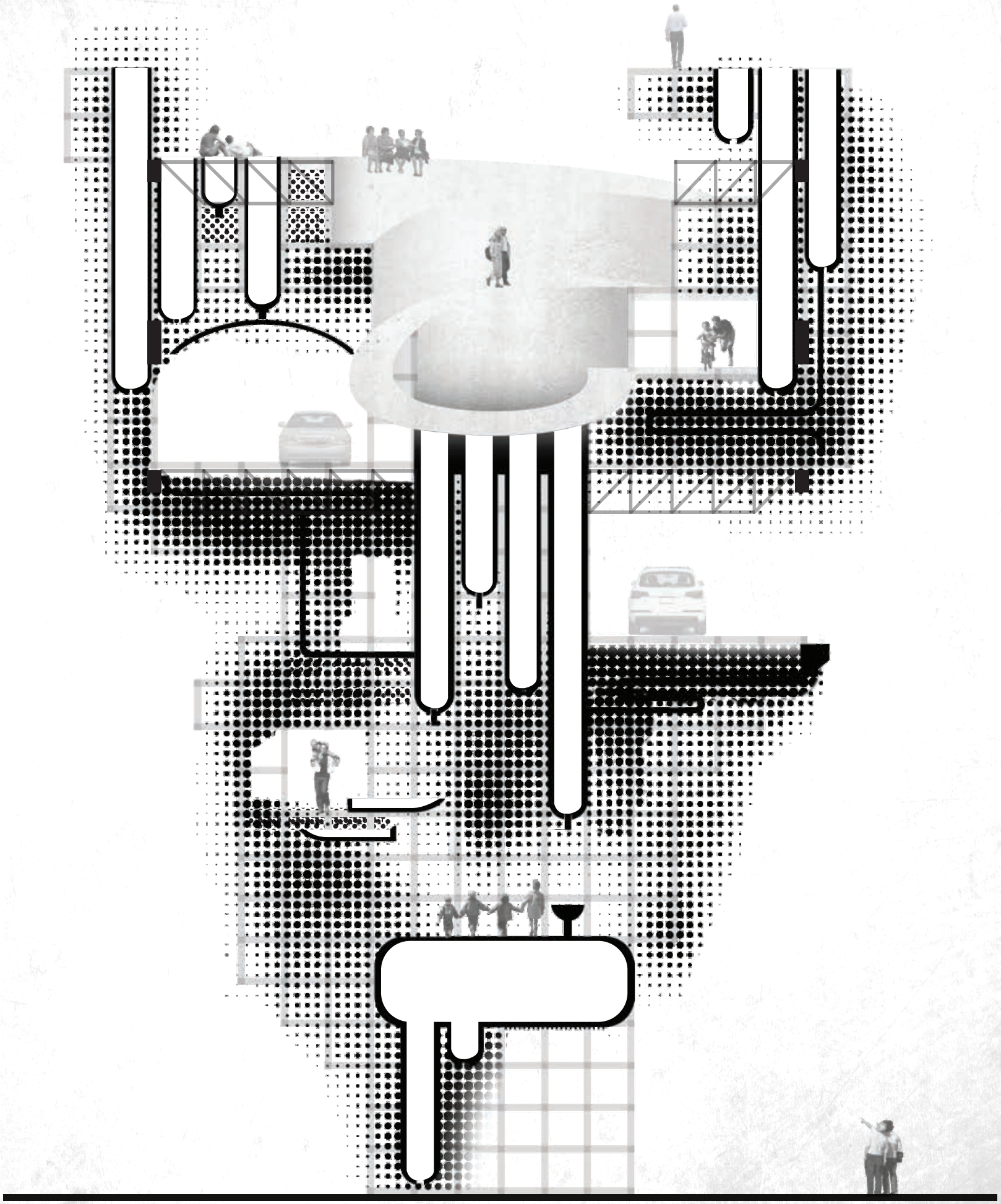
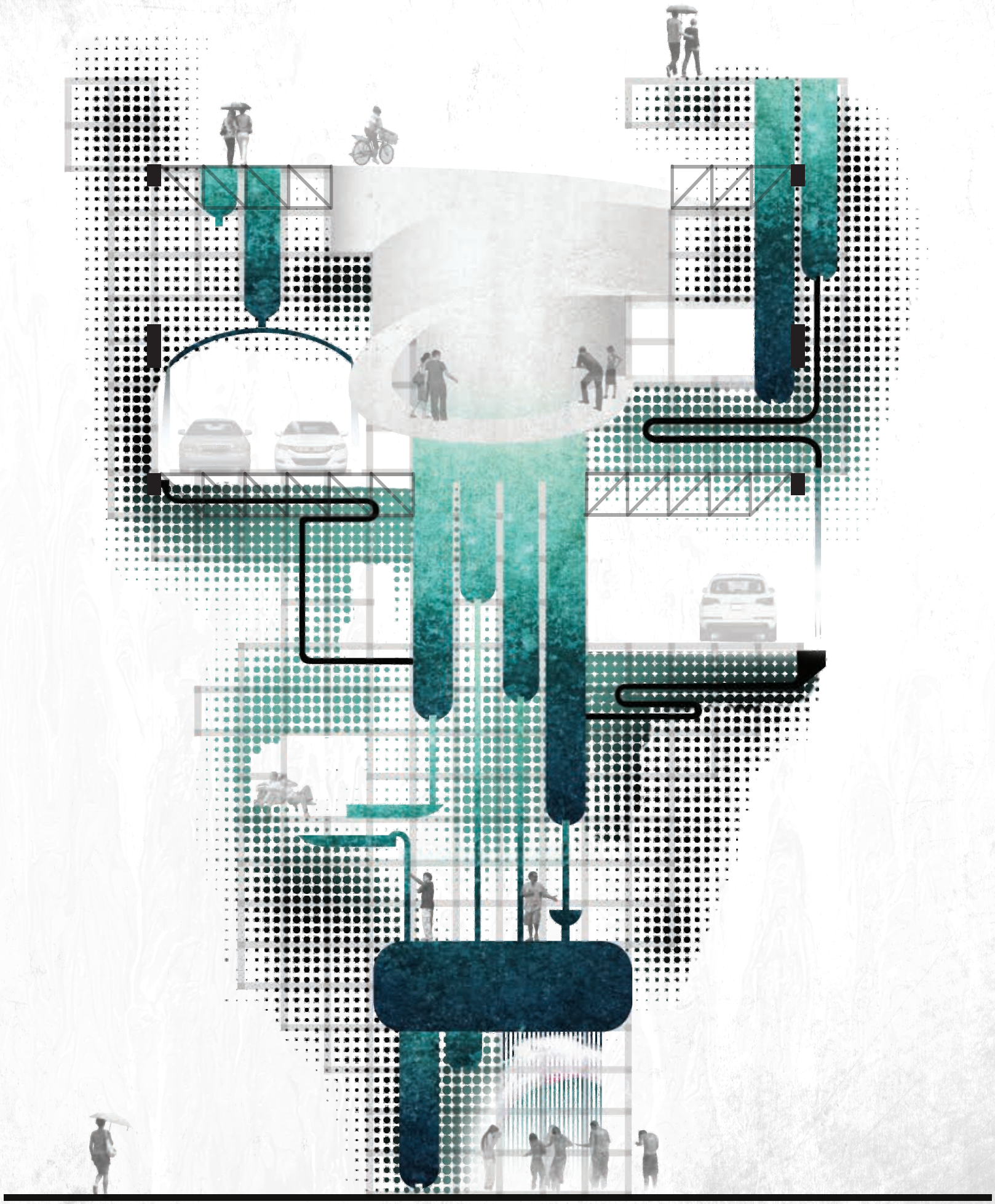
Current Bridge

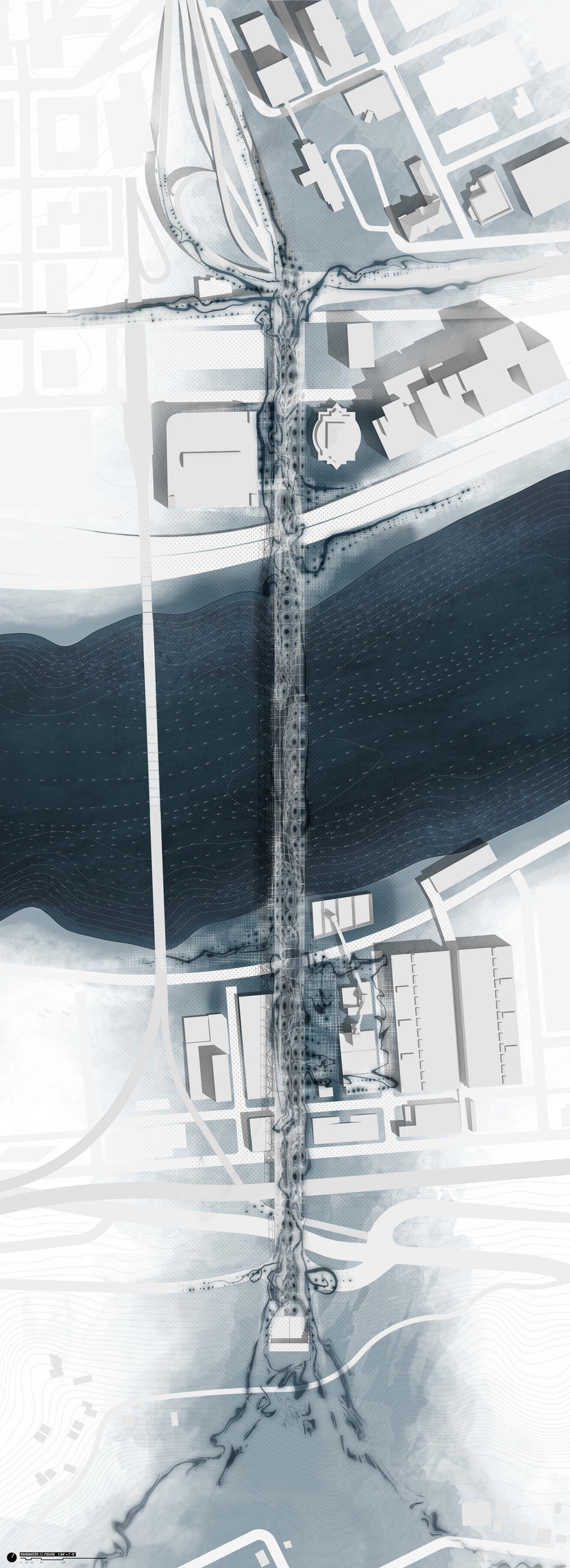


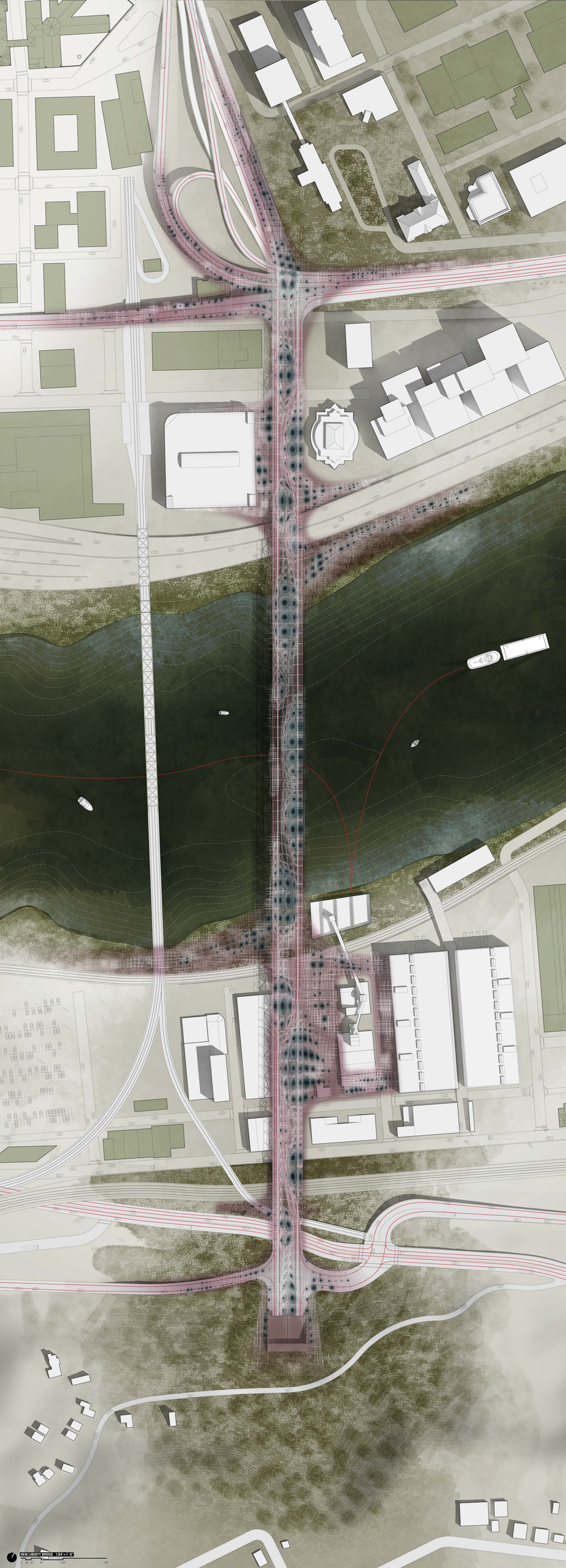
No Rain...

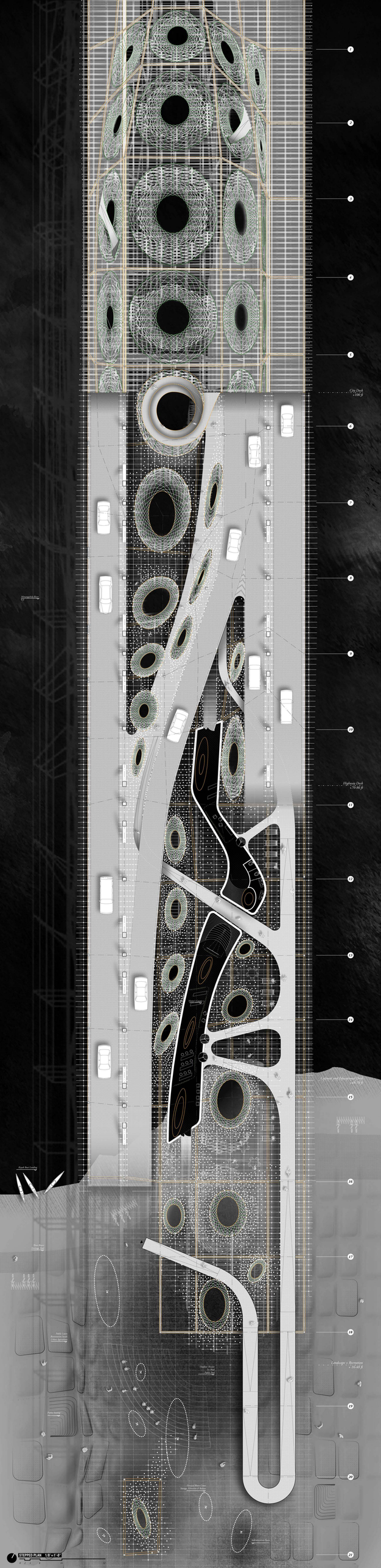


Rain!

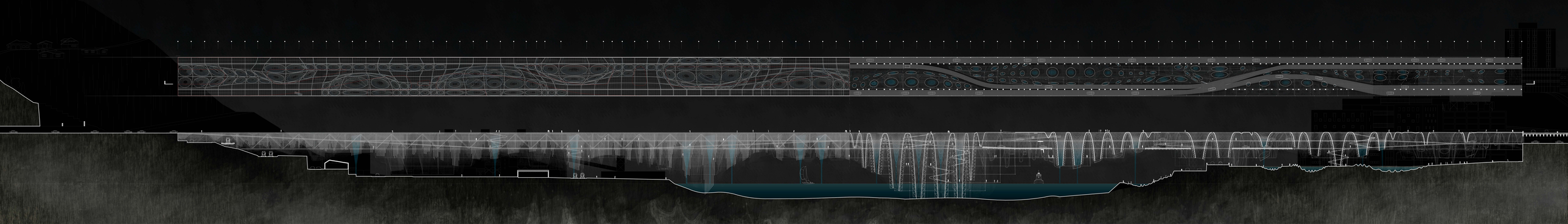


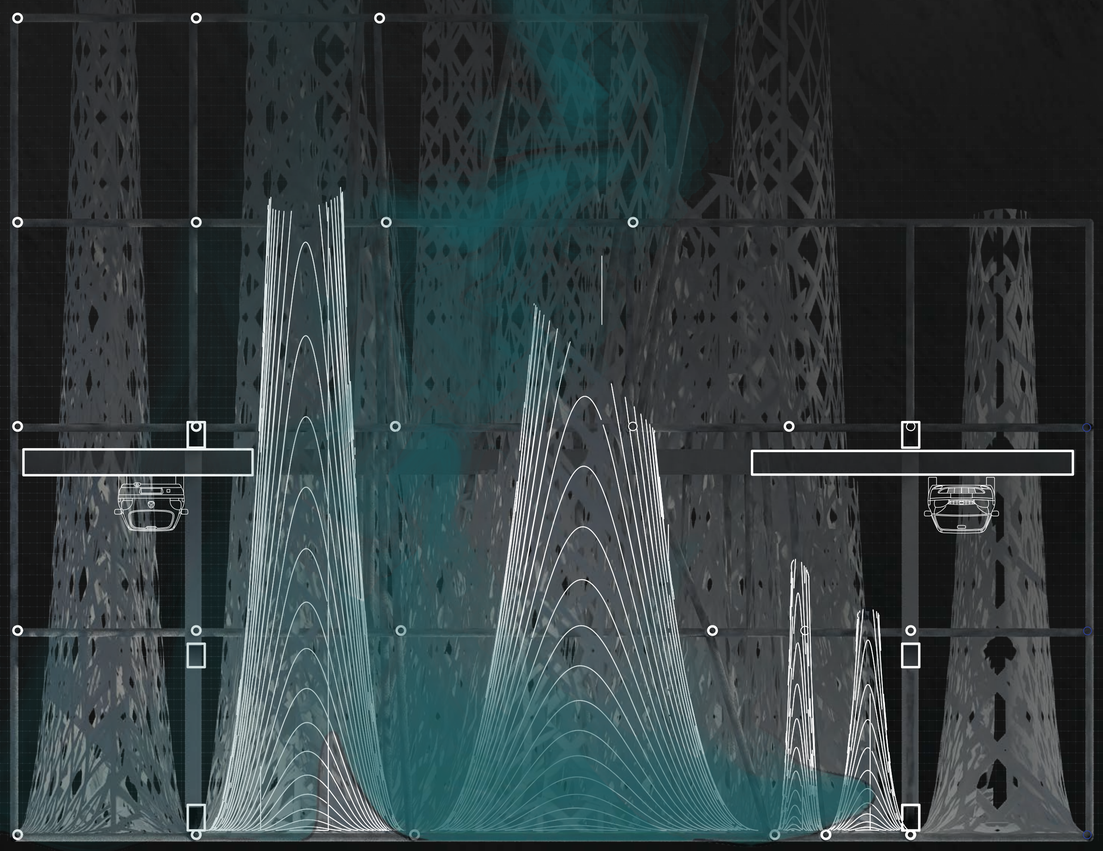

RAINWATER INFIGURE 1:1541 in 1"

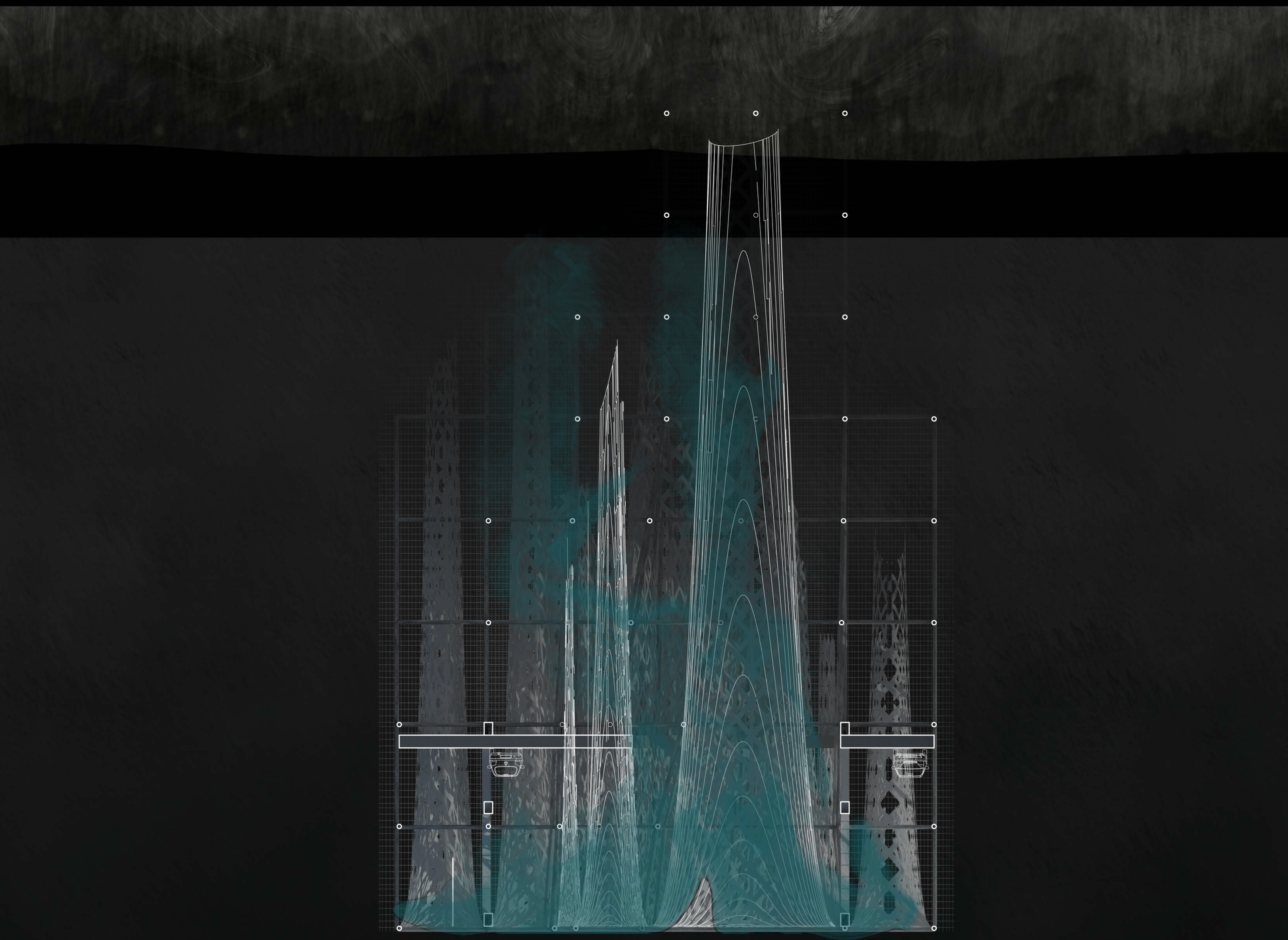

NEW LIBERTY BRIDGE 1/64"=1'-0"

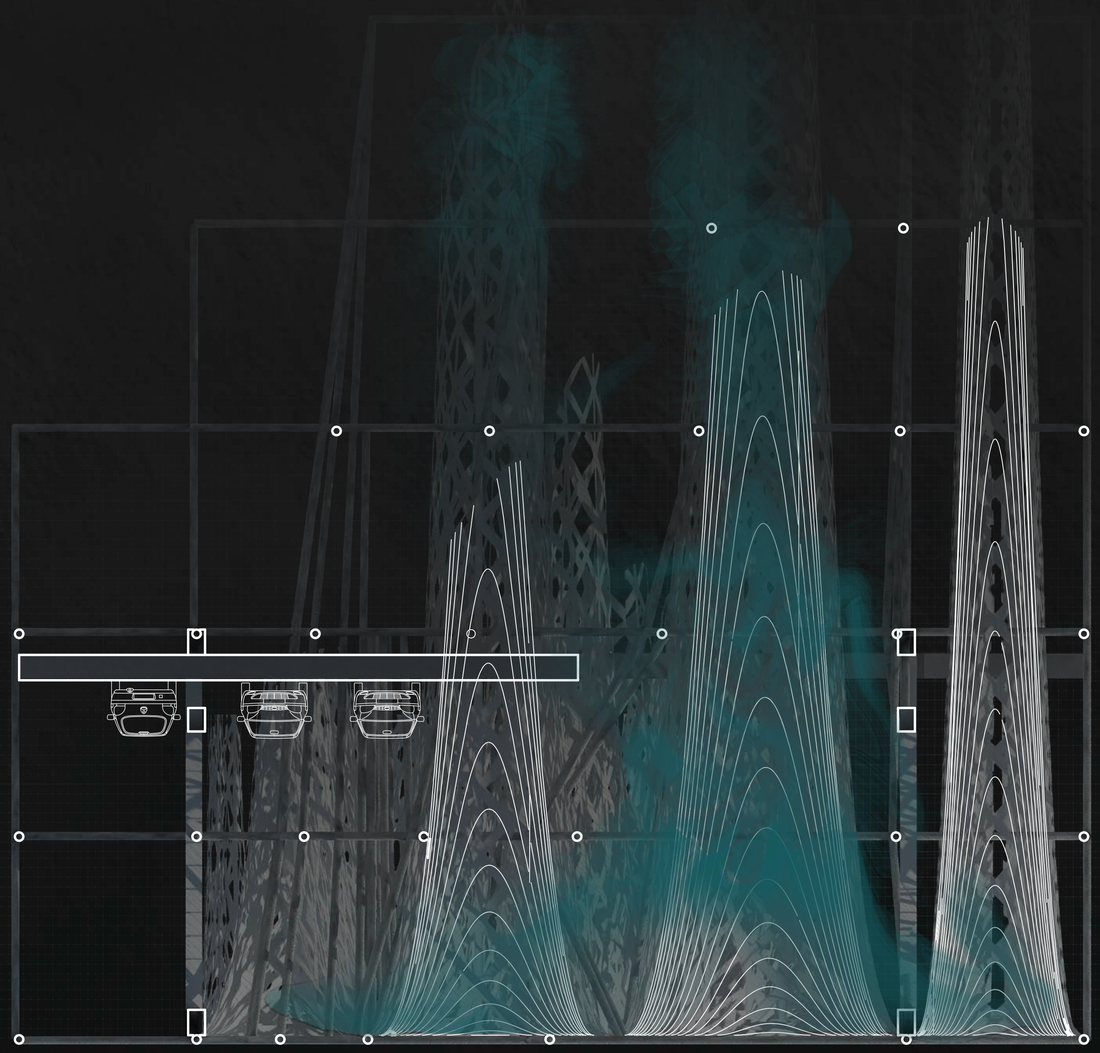


STEPPED PLAN 1/8" = 1'-0"

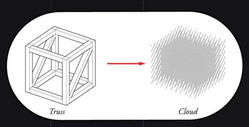






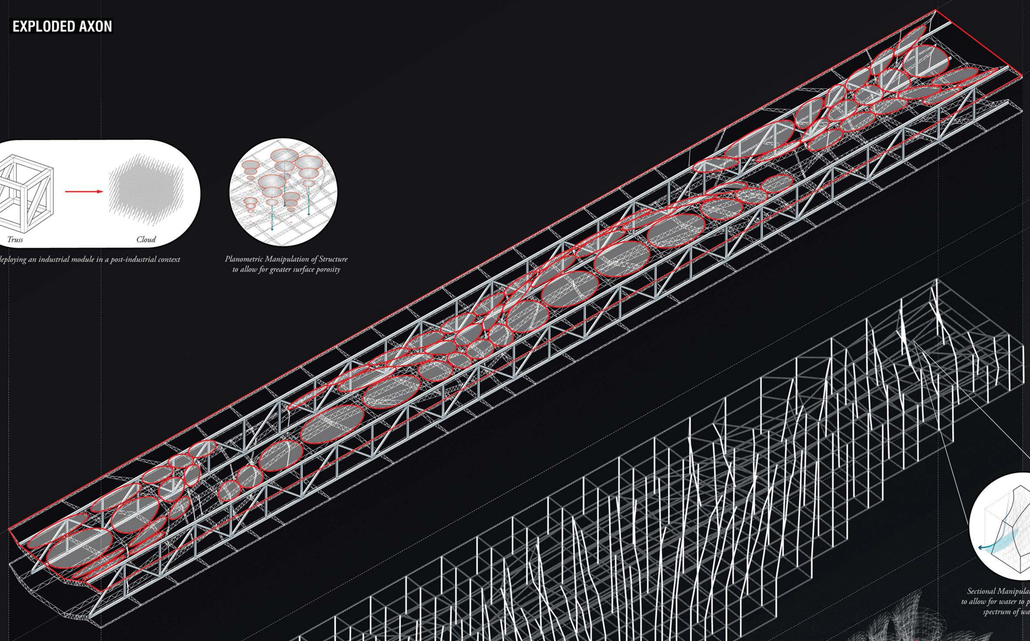


EXPLODED AXON

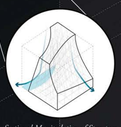


Re-deploying an industrial module in a post-industrial context

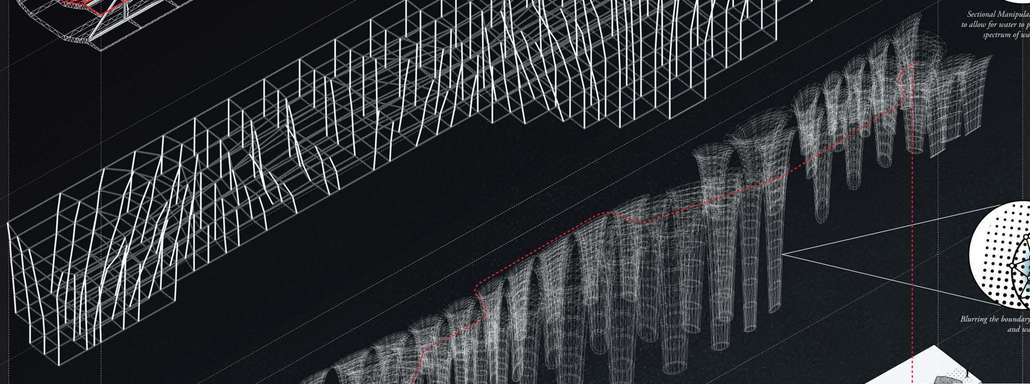
Planometric Manipulation of Structure to allow for greater surface porosity



Secondary Structure Conventional Frame



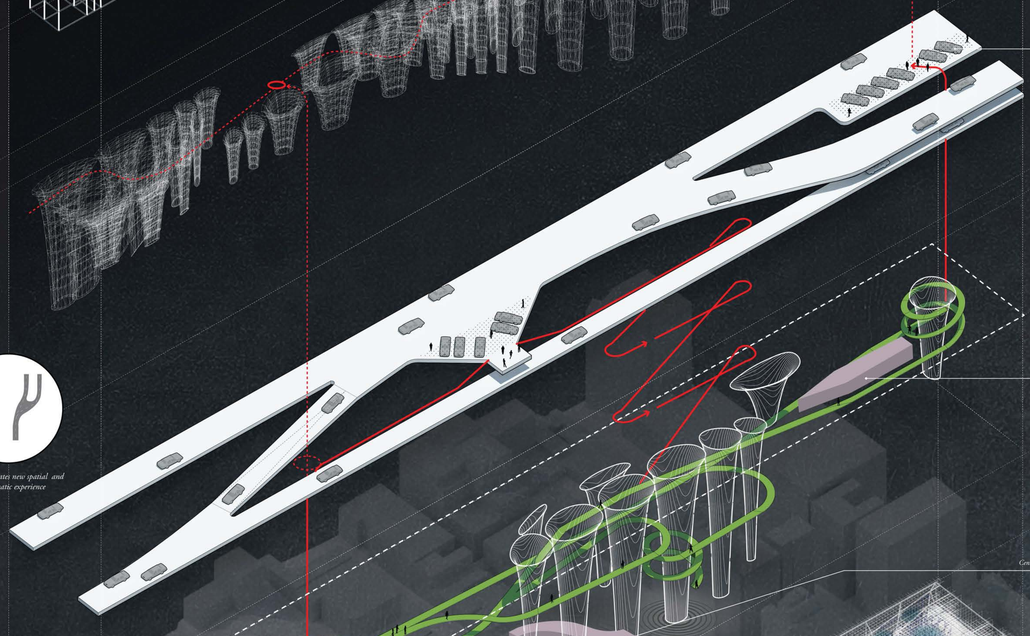
Sectional Manipulation of Structure to allow for water to percolate through a spectrum of water features



Secondary Structure Conventional Frame

Blurring the boundary between structure and water

Short Term Rest Stop



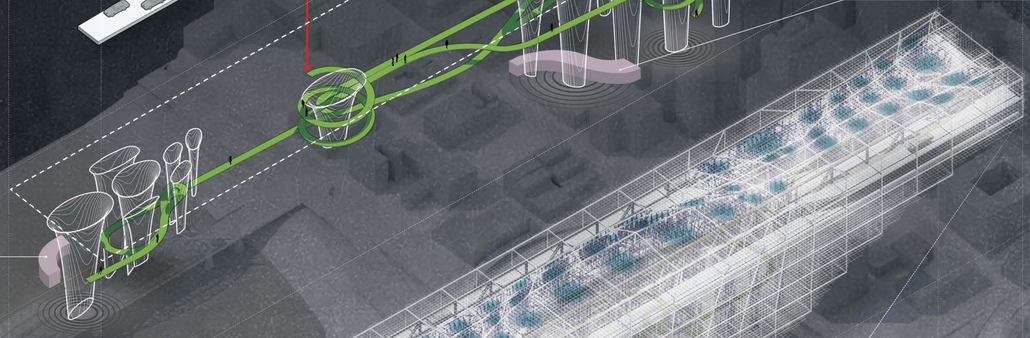
Water Pier Structure

Asphalt facilitates new spatial and programmatic experience

Highway Deck

Visitors Center

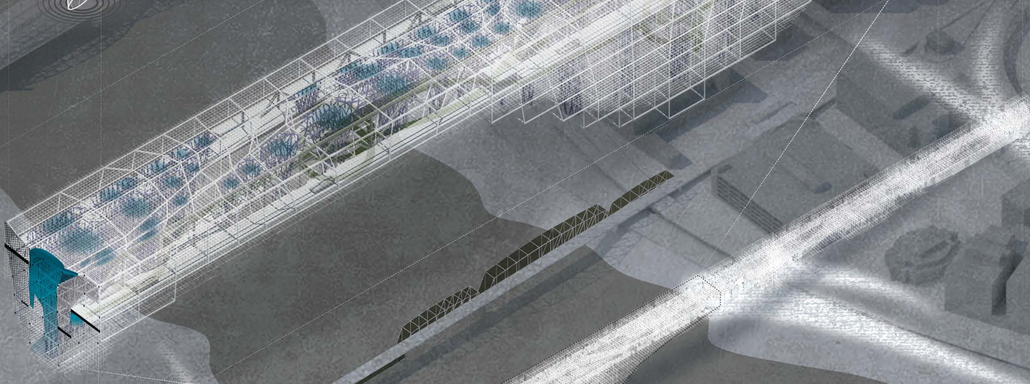
Center for Ecology & Hydrology



Public Circulation

Fitness Center and Bathhouse

Program



Overall Composite